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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|--|---|--|
| UTILITY PATENT APPLICATION TRANSMITTAL | | Attorney Docket No. 219.40000X00 First Inventor BROILI, BEN M. Title HEAT SINKS AND METHOD OF FORMATION Express Mail Label No. | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | |
| APPLICATION ELEMENTS | | | |
| SEE MPEP chapter 600 concerning utility patent application contents. | | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages: 31] <small>(Preferred arrangement set forth below)</small> -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Pages: 17] 5. Oath or Declaration [Total Pages: _____] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</small> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies | |
| ACCOMPANYING APPLICATION PARTS | | | |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Citations <small>Statement (IDS)/PTO-1449</small> 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Credit Card Payment Form | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: | | | |
| Prior application information: Examiner: _____ Group Art Unit: _____ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | |
| 19. CORRESPONDENCE ADDRESS | | | |
| <input type="checkbox"/> Customer Number or Bar Code Label 020457 or <input type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small> | | | |
| Name ANTONELLI, TERRY, STOUT & KRAUS, LLP | | | |
| Address | | | |
| City | | | |
| State | | Zip Code | |
| Country | | Telephone | |
| Name David C. Oreffo | | Registration No. (Attorney/Agent) 38,694 | |
| Signature | | Date JANUARY 17, 2002 | |

Burden Hour Statement. This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|-----------------------------|
| Application Number | New U.S. Patent Application |
| Filing Date | January 17, 2002 |
| First Named Inventor | BROILI, BEN M. |
| Examiner Name | Unassigned |
| Group Art Unit | Unassigned |
| Attorney Docket No. | 219.4000X00 |

TOTAL AMOUNT OF PAYMENT (\$1,262.00)

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:
- Deposit Account Number 01-2135
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP
- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.116 and 1.117
☐ Applicant Claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:
- ☐ Check ☒ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

2. BASIC FILING FEE

| Large Fee Code | Entity Fee Code | Small Fee Code | Entity Fee Code | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740.00 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1)

1. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|----------------|--------------|----------------|----------|
| 35 - 20** = 15 | x 16.00 | | = 270.00 |

Indep. Claims: 6-3** = 3 x 64.00 = 252.00

Multiple Dependent

=

| Large Fee Code | Entity Fee Code | Small Fee Code | Entity Fee Code | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103 | 16 | 203 | 9 | Claims in excess of 20 |
| 102 | 64 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 64 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 522.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

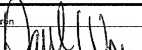
| Large Fee Code | Entity Fee Code | Small Fee Code | Entity Fee Code | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examination action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 126 | 1,960 | 226 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 260 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,260 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 160 | 126 | 160 | Submission of Information Disclosure Stmt | |
| 561 | 40 | 561 | 40 | Recording each patent assignment per property (lines number of properties) | |
| 146 | 740 | 246 | 370 | For each additional invention to be examined (37 CFR § 1.126(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.126(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type) David C. Orin
Signature 

Registration No.
(Attorney/Agent)

36,694

Complete (if applicable)

Telephone 703-312-6600
Date 01/17/2002

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